

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127173.D
 Acq On : 03 Mar 2022 16:09
 Operator : CG\JU
 Sample : N1689-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-45

Quant Time: Mar 03 17:02:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	81422	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	336132	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	172658	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	305298	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	158974	20.000	ng	# 0.00
86) Perylene-d12	15.556	264	158142	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	302865	57.491	ng	0.00
7) Phenol-d6	6.516	99	239677	33.717	ng	0.00
23) Nitrobenzene-d5	7.457	82	644656	86.567	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	297213	149.509	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1073976	91.572	ng	0.00
79) Terphenyl-d14	13.010	244	1078984	99.774	ng	0.00

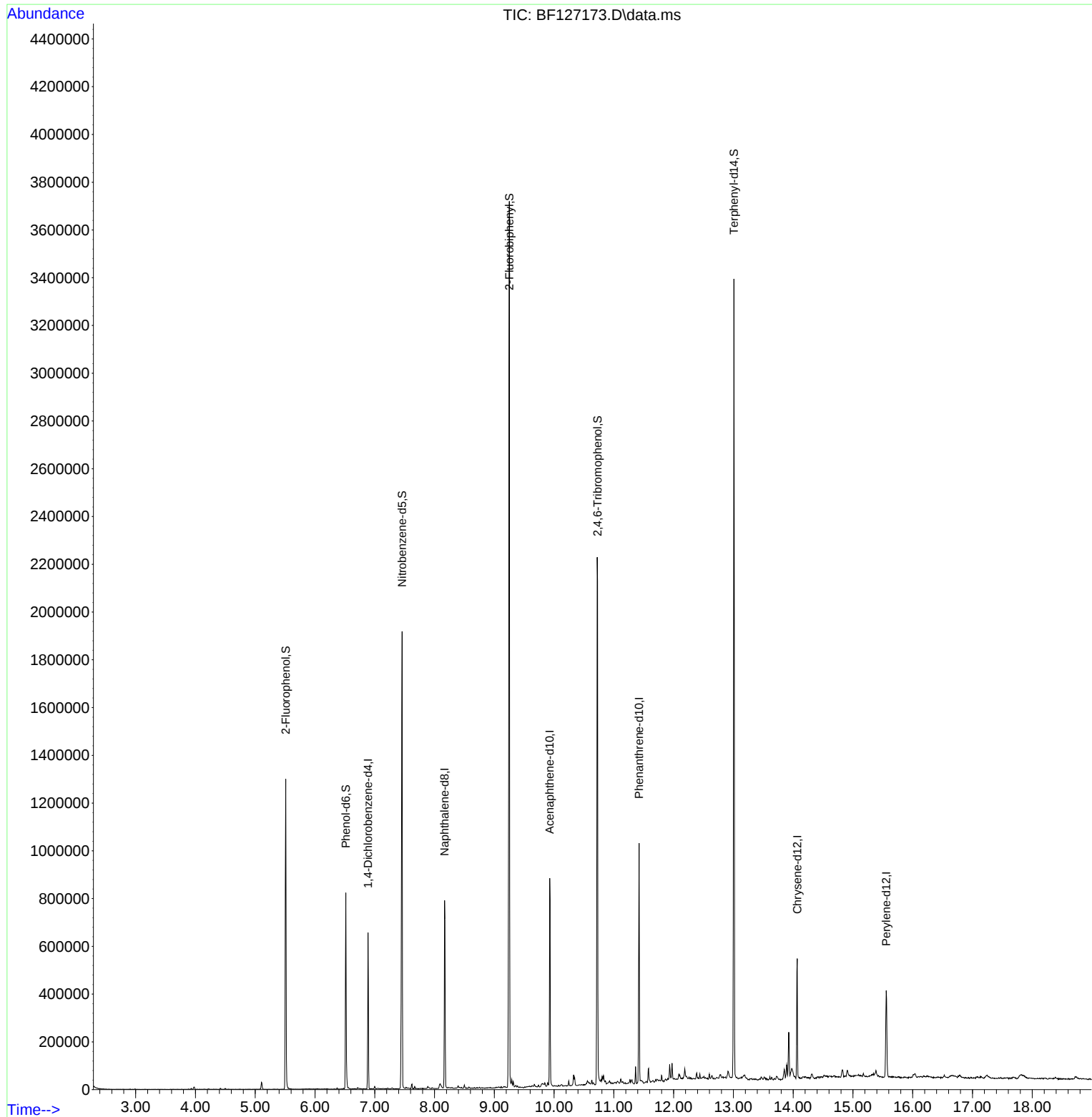
Target Compounds	Qvalue

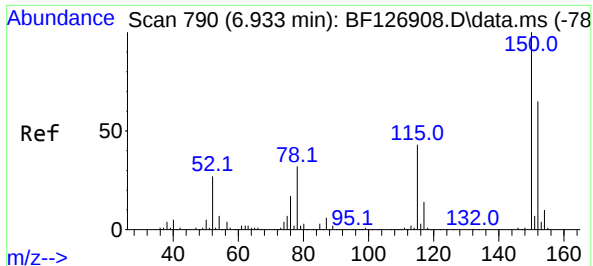
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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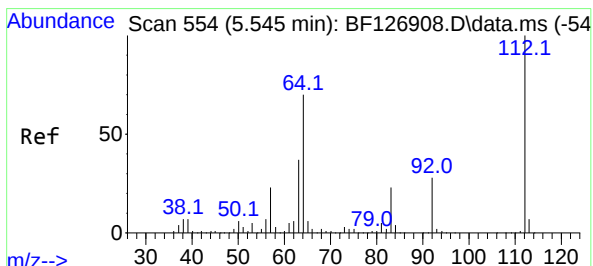
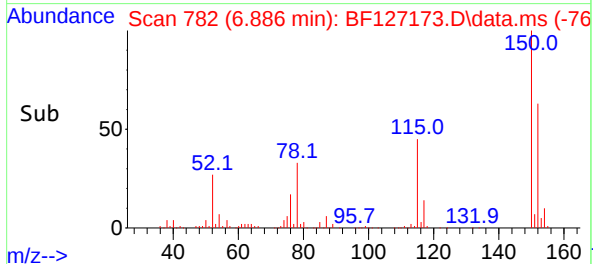
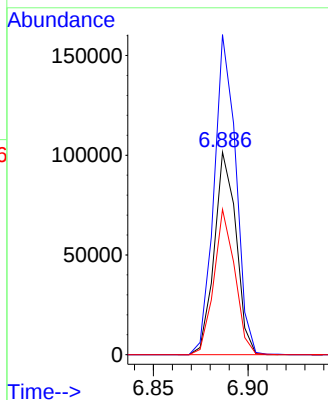
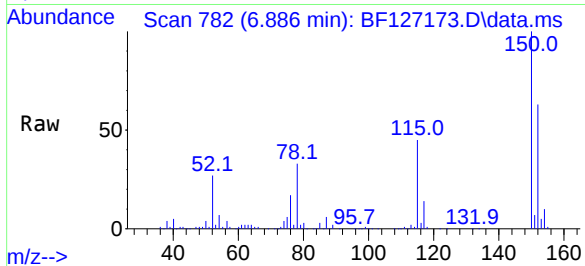




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

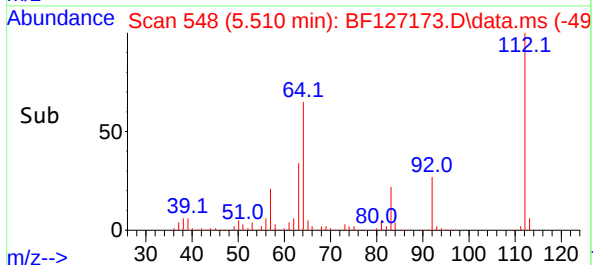
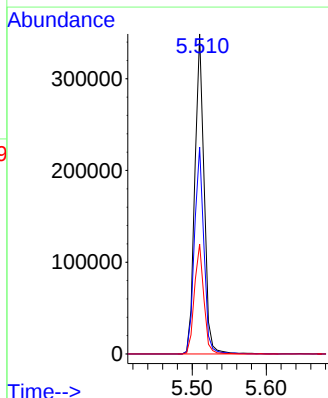
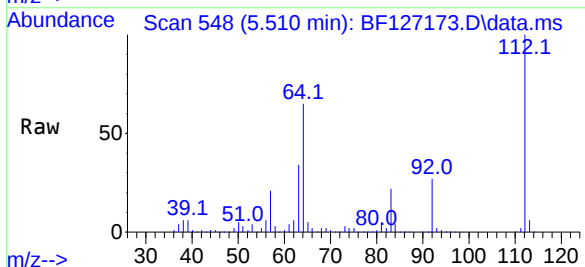
Instrument :
BNA_F
ClientSampleId :
MW-45

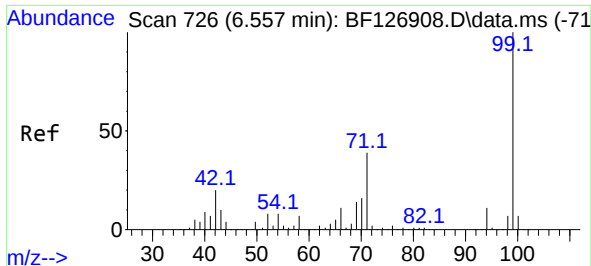
Tgt Ion:152 Resp: 81422
Ion Ratio Lower Upper
152 100
150 158.0 128.1 192.1
115 71.8 56.7 85.1



#5
2-Fluorophenol
Concen: 57.491 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

Tgt Ion:112 Resp: 302865
Ion Ratio Lower Upper
112 100
64 64.6 49.5 74.3
63 34.4 23.9 35.9

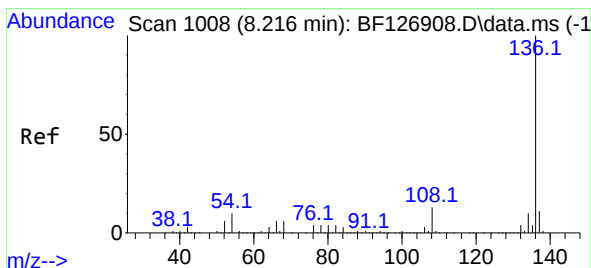
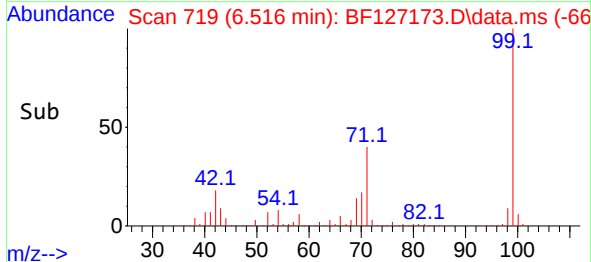
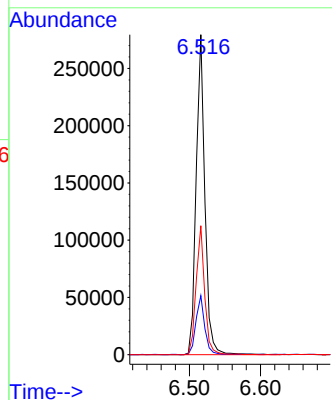
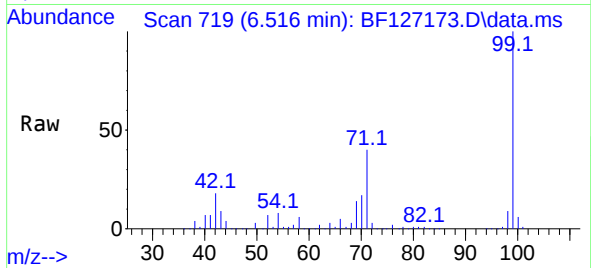




#7
Phenol-d6
Concen: 33.717 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

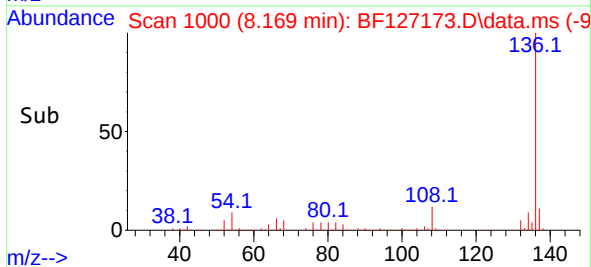
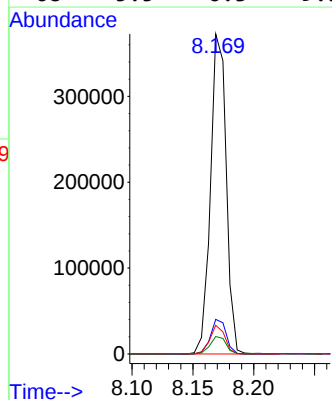
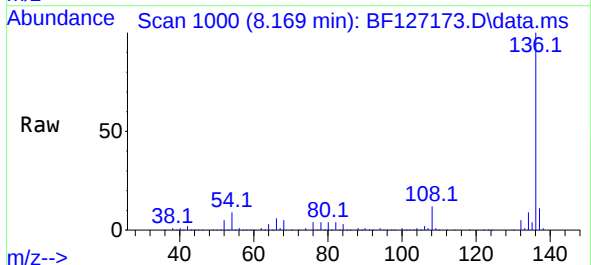
Instrument :
BNA_F
ClientSampleId :
MW-45

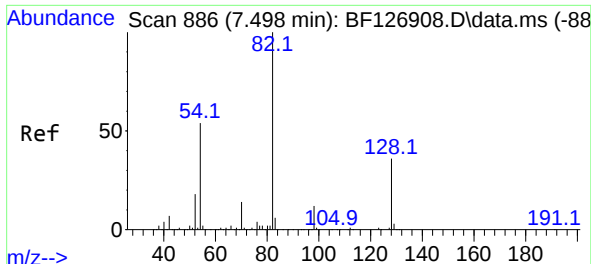
Tgt Ion: 99 Resp: 239677
Ion Ratio Lower Upper
99 100
42 18.5 14.2 21.4
71 40.3 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

Tgt Ion: 136 Resp: 336132
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.0 7.8 11.6
68 5.5 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 86.567 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127173.D

Acq: 03 Mar 2022 16:09

Instrument :

BNA_F

ClientSampleId :

MW-45

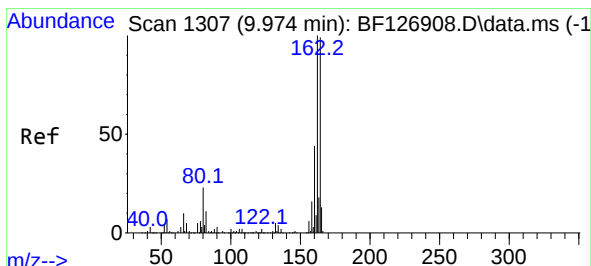
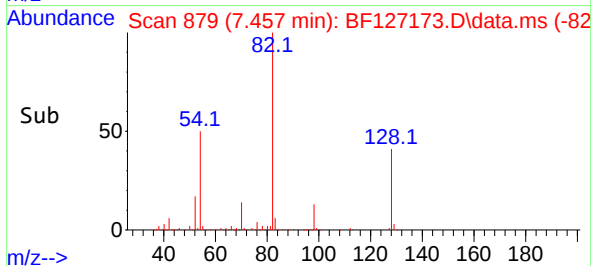
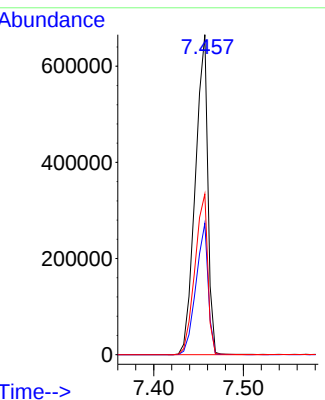
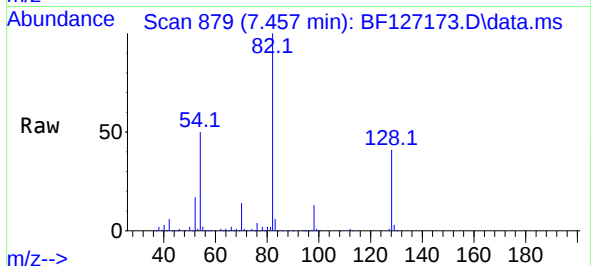
Tgt Ion: 82 Resp: 644656

Ion Ratio Lower Upper

82 100

128 41.0 32.7 49.1

54 50.2 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF127173.D

Acq: 03 Mar 2022 16:09

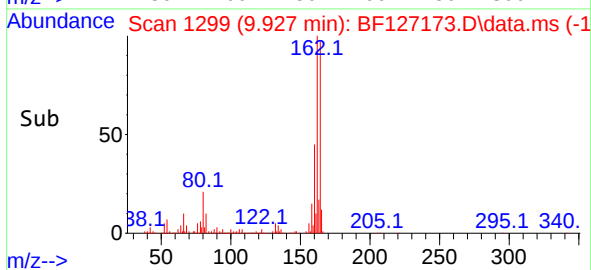
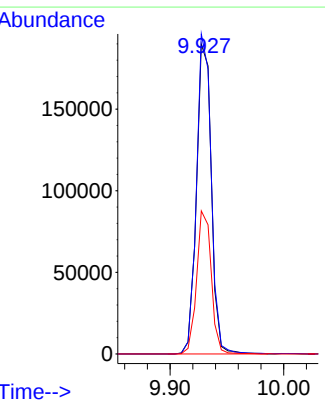
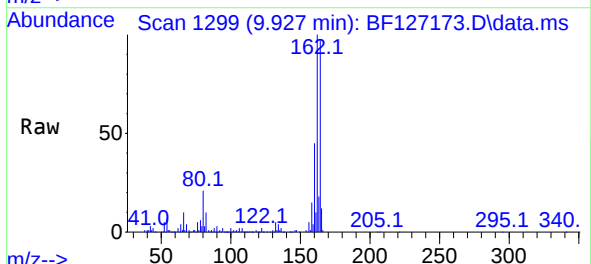
Tgt Ion: 164 Resp: 172658

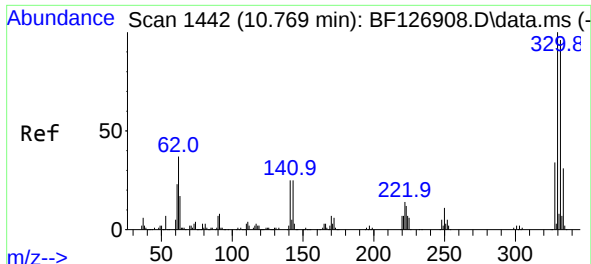
Ion Ratio Lower Upper

164 100

162 103.3 81.4 122.0

160 46.2 36.6 54.8

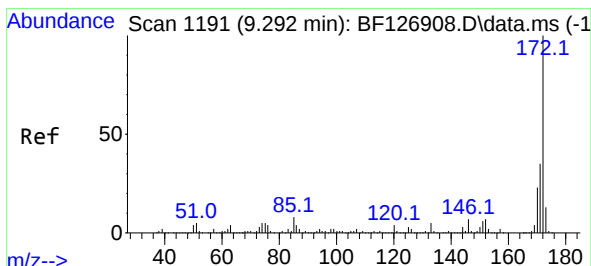
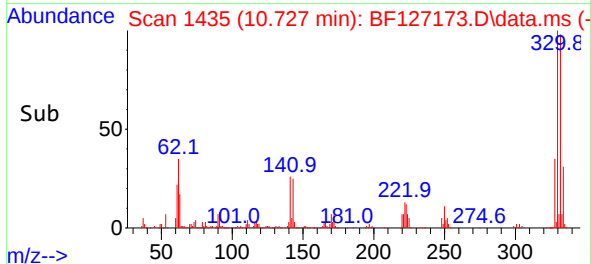
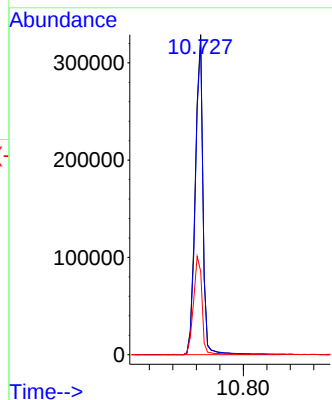
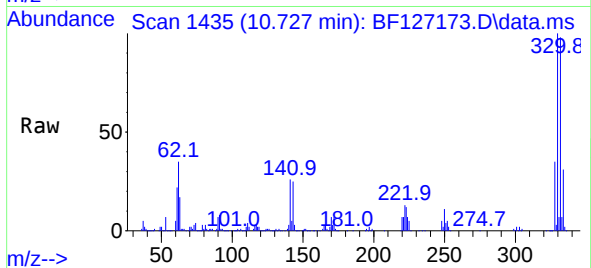




#42
2,4,6-Tribromophenol
Concen: 149.509 ng
RT: 10.727 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

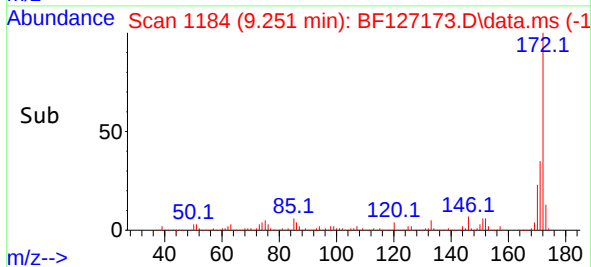
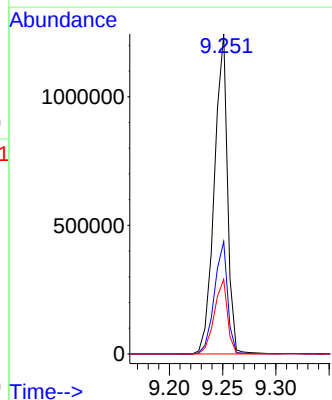
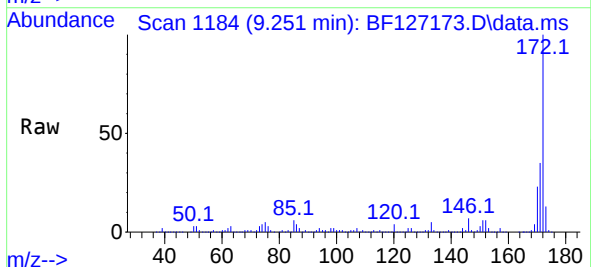
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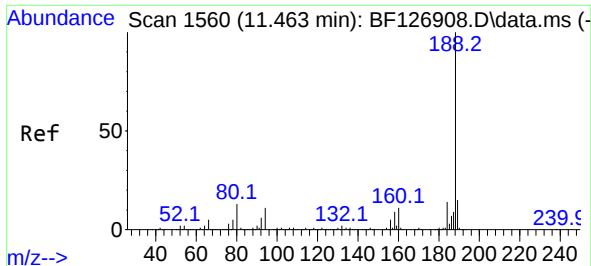
Tgt Ion:330 Resp: 297213
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 34.2 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 91.572 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

Tgt Ion:172 Resp: 1073976
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.3 19.0 28.6

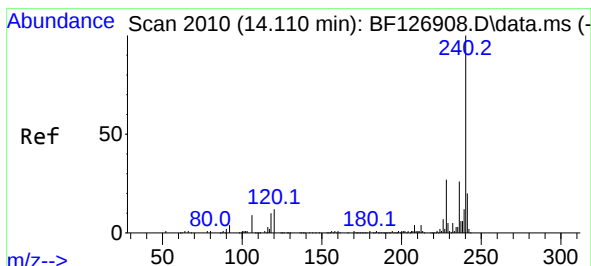
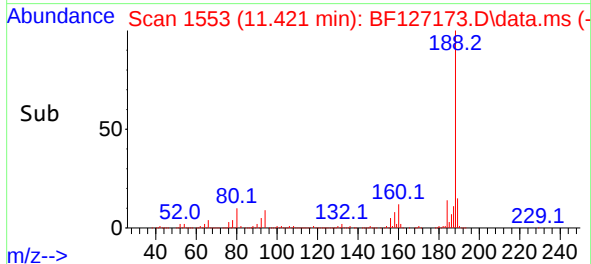
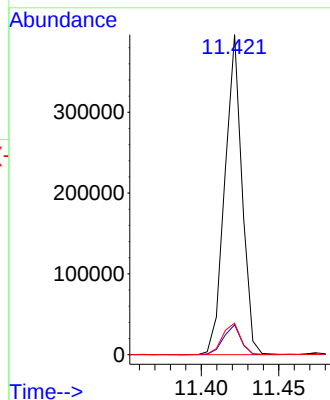
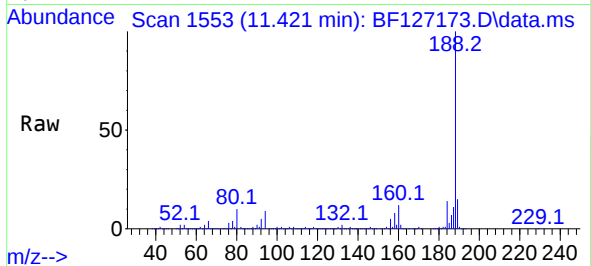




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

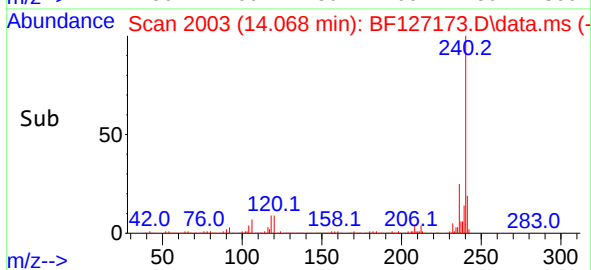
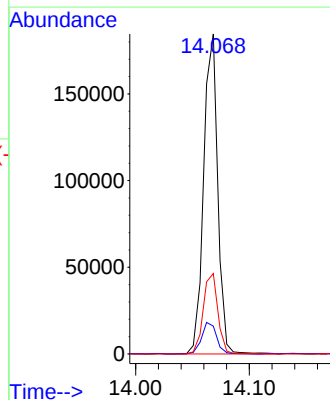
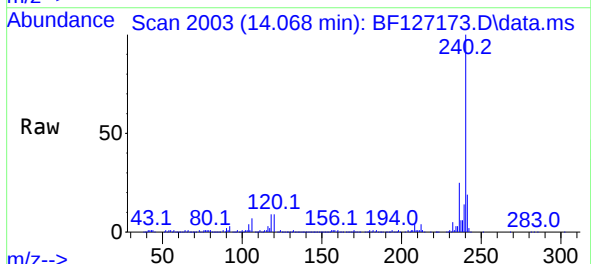
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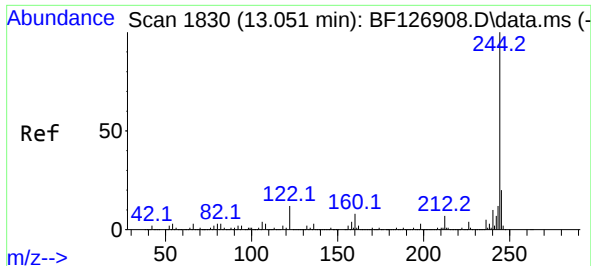
Tgt Ion:188 Resp: 305298
Ion Ratio Lower Upper
188 100
94 9.3 10.1 15.1#
80 9.8 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127173.D
Acq: 03 Mar 2022 16:09

Tgt Ion:240 Resp: 158974
Ion Ratio Lower Upper
240 100
120 8.7 14.4 21.6#
236 25.2 20.5 30.7

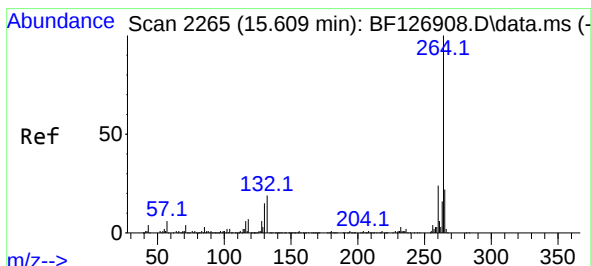
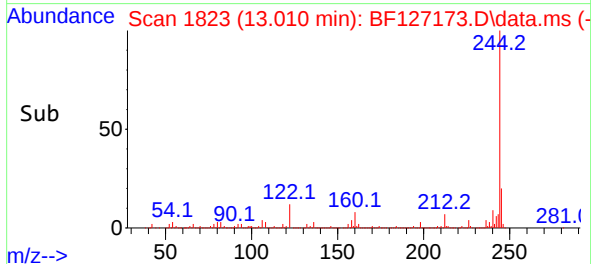
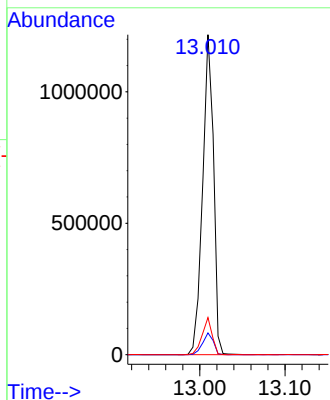
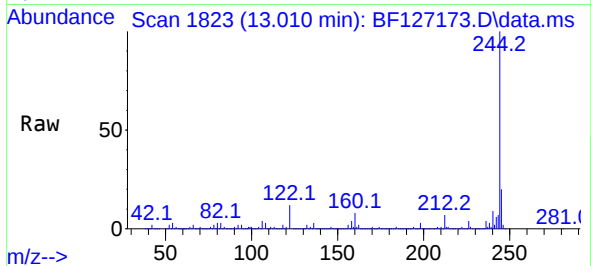




#79
 Terphenyl-d14
 Concen: 99.774 ng
 RT: 13.010 min Scan# 1823
 Delta R.T. -0.006 min
 Lab File: BF127173.D
 Acq: 03 Mar 2022 16:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-45

Tgt Ion:244 Resp: 1078984
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 11.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2256
 Delta R.T. -0.012 min
 Lab File: BF127173.D
 Acq: 03 Mar 2022 16:09

Tgt Ion:264 Resp: 158142
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.5 17.4 26.2

